

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061848.D
 Acq On : 2 Jul 2024 15:44
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020550

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

07/03/2024

Supervised By :mohammad

ahmed

07/04/2024

Quant Time: Jul 03 01:46:24 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jun 27 12:23:53 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	100538	20.000	ng/u1	0.00
20) Naphthalene-d8	10.873	136	474832	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.692	164	289459	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.436	188	631925	20.000	ng/u1	0.00
79) Chrysene-d12	21.696	240	482770	20.000	ng/u1	0.00
88) Perylene-d12	24.927	264	573596	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	20881	7.503	ng/uL	0.00
4) Pyridine-d5	3.881	84	169150	20.102	ng/u1	0.01
7) Phenol-d5	7.218	99	204544	18.741	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.383	67	122134	17.951	ng/u1	0.00
11) 2-Chlorophenol-d4	7.589	132	145021	19.363	ng/u1	0.00
15) 4-Methylphenol-d8	8.770	113	155792	18.464	ng/u1	0.02
21) Nitrobenzene-d5	9.228	128	72279	22.418	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	84354	25.833	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	157187	20.329	ng/u1	0.01
31) 4-Chloroaniline-d4	11.002	131	206199	17.614	ng/u1	0.00
46) Dimethylphthalate-d6	14.093	166	440796	19.789	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	506636	20.754	ng/u1	0.00
54) 4-Nitrophenol-d4	14.892	143	72318	18.904	ng/u1	0.03
60) Fluorene-d10	15.679	176	380526	19.514	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	49396	18.280	ng/u1	0.01
73) Anthracene-d10	17.536	188	575808	19.962	ng/u1	0.00
81) Pyrene-d10	19.815	212	580894	21.541	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.704	264	565498	20.642	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	23976	6.932	ng/uL#	94
5) Pyridine	3.899	79	174694	19.313	ng/u1	93
6) Benzaldehyde	7.195	77	123255m	22.949	ng/u1	
8) Phenol	7.248	94	203379	17.708	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.477	93	152448	17.635	ng/u1	97
12) 2-Chlorophenol	7.624	128	147669	19.652	ng/u1	95
13) 2-Methylphenol	8.505	108	146591	18.242	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.582	45	324054	18.348	ng/u1	97
16) Acetophenone	8.887	105	237632	17.104	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.864	70	125777	16.853	ng/u1#	88
18) 4-Methylphenol	8.834	108	158273	17.581	ng/u1	96
19) Hexachloroethane	9.146	117	60997	20.245	ng/u1	87
22) Nitrobenzene	9.269	77	199469	21.476	ng/u1	95
23) Isophorone	9.792	82	371841	17.408	ng/u1	99
25) 2-Nitrophenol	9.980	139	82953	24.294	ng/u1#	77
26) 2,4-Dimethylphenol	10.039	107	188060	19.693	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.274	93	219073	18.130	ng/u1#	98
29) 2,4-Dichlorophenol	10.520	162	143901	20.313	ng/u1	96
30) Naphthalene	10.926	128	491327	18.493	ng/u1	97
32) 4-Chloroaniline	11.032	127	198188	17.070	ng/u1	94
33) Hexachlorobutadiene	11.196	225	110685	22.619	ng/u1	95
34) Caprolactam	11.801	113	46536	15.886	ng/u1	90
35) 4-Chloro-3-methylphenol	12.154	107	177886	17.957	ng/u1	96
36) 2-Methylnaphthalene	12.524	142	337516	18.004	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.741	142	345008	17.248	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.882	216	190782	23.289	ng/ul	99
40) Hexachlorocyclopentadiene	12.859	237	67350	13.818	ng/ul	98
41) 2,4,6-Trichlorophenol	13.129	196	122965	23.265	ng/ul	96
42) 2,4,5-Trichlorophenol	13.200	196	127247	22.088	ng/ul	86
43) 1,1'-Biphenyl	13.523	154	456336	21.764	ng/ul	97
44) 2-Chloronaphthalene	13.570	162	350921	21.788	ng/ul	98
45) 2-Nitroaniline	13.770	65	142947	25.926	ng/ul	93
47) Dimethylphthalate	14.140	163	423040	19.125	ng/ul	98
48) 2,6-Dinitrotoluene	14.263	165	86325	23.518	ng/ul#	89
50) Acenaphthylene	14.416	152	541128	19.858	ng/ul	98
51) 3-Nitroaniline	14.592	138	92472	24.601	ng/ul#	98
52) Acenaphthene	14.751	153	375471	19.896	ng/ul	95
53) 2,4-Dinitrophenol	14.798	184	30452	16.326	ng/ul	90
55) 4-Nitrophenol	14.909	109	77316	19.571	ng/ul	98
56) Dibenzofuran	15.086	168	511397	19.365	ng/ul	90
57) 2,4-Dinitrotoluene	15.050	165	130554	23.962	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.309	232	113143	20.030	ng/ul	98
59) Diethylphthalate	15.497	149	440392	19.331	ng/ul	97
61) Fluorene	15.738	166	425762	19.481	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.726	204	213957	19.721	ng/ul	96
63) 4-Nitroaniline	15.756	138	92459	23.218	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.808	198	50449	16.483	ng/ul#	85
67) N-Nitrosodiphenylamine	15.938	169	350891	21.472	ng/ul	97
68) 4-Bromophenyl-phenylether	16.619	248	149802	23.023	ng/ul	94
69) Hexachlorobenzene	16.731	284	164947	20.890	ng/ul	97
70) Atrazine	16.889	200	133931	20.519	ng/ul	97
71) Pentachlorophenol	17.077	266	85581	17.793	ng/ul	96
72) Phenanthrene	17.477	178	645349	19.412	ng/ul	98
74) Anthracene	17.571	178	673273	19.804	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.488	216	188386	26.758	ng/ul	99
76) Pentachlorobenzene	15.003	250	201002	23.774	ng/ul	93
77) Carbazole	17.835	167	563595	19.524	ng/ul	98
78) Di-n-butylphthalate	18.388	149	721541	20.900	ng/ul	99
80) Fluoranthene	19.481	202	691818	22.111	ng/ul	98
82) Pyrene	19.845	202	702164	21.105	ng/ul#	94
83) Butylbenzylphthalate	20.726	149	294488	24.311	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.590	252	209282	20.502	ng/ul	98
85) Benzo(a)anthracene	21.678	228	686736	20.265	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.578	149	425475	23.895	ng/ul	99
87) Chrysene	21.743	228	631288	19.687	ng/ul	98
89) Di-n-octyl phthalate	22.794	149	728375	24.076	ng/ul	100
90) Benzo(b)fluoranthene	23.893	252	706437	20.488	ng/ul	97
91) Benzo(k)fluoranthene	23.964	252	701060	19.770	ng/ul	100
93) Benzo(a)pyrene	24.768	252	661218	19.919	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.599	276	841481	20.343	ng/ul	97
95) Dibenzo(a,h)anthracene	28.670	278	689157	20.036	ng/ul	98
96) Benzo(g,h,i)perylene	29.745	276	660371m	19.804	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

